

DTS Training Center Course Catalog

July 2006 ~ June 2007

California Department of Technology Services

DTS Training Center 9323 Tech Center Drive, Suite 100 Sacramento, CA 95826 916-739-7502

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New Courses, New Features!

In an effort to keep pace with customer requests and evolving technological changes we further **expanded our training offerings.** We are excited about the new courses that compliment the same quality classes we offered in years past and will continue to deliver.

Included in this catalog you will find many <u>new</u> courses in the .NET Series and Web Development. In the .NET Series we offer: Visual Basic .NET, Developing ASP .NET Web Applications, .NET Applications for Windows - Visual C#, .NET for COBOL Programmers and more. In the Web Development series you will find XHTML, XML and others. The new courses supplement the expanded PC Support and Troubleshooting courses added in 2005.

Throughout the year, we receive requests to add new courses not on the current schedule. To accommodate the request process, we now have a special form. A Class Request Form can be found on page 22 of this catalog and will be available on our website. All submitted requests will be carefully reviewed, considered and will receive a response from our office.

Please visit our website: <u>www.training.ca.gov</u> for more information.

Course Dates

Are located on our website:

www.training.ca.gov

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Training Courses

Accessible Technology Accessible Technology	1 day	TBD
ADABAS Inside ADABAS	1 day	TBD
Analysis & Design See System Development Life Cycle		
Assembler Programming See Programming Languages		
CICS See Programming Languages		
Client/Server Introduction to Client/Server Utilizing Distributed Architectures	1 day 3 days	\$225 \$675
COBOL See Programming Languages		
Data Modeling Overview of Data Modeling Modeling Essential Business Data	1 day 4 days	\$225 \$825
Databases - see also Microsoft Access Overview of Database Concepts Designing Distributed Databases	1 day 3 days	\$225 \$675
DB2 Introduction to DB2 Concepts DB2 Programming Beginning DB2 Programming Intermediate DB2/SQL Advanced Concepts Database Technology for the New Millennium QMF Fundamentals	1 day 4 days 4 days 3 days TBD TBD	\$225 \$825 \$875 \$675 TBD TBD
Debugging File-Aid Fundamentals z/OS Application Dump Reading	2 days 2 days	\$450 \$450
Email See Microsoft Applications - Outlook		
Feasibility Study Reports Conducting a Feasibility Study	3 days	\$625
File Aid File-Aid Fundamentals	2 days	\$450

HTML

See Web Development

Information Architect

See Certificate Programs Section

Information Technology Project Management

See Certificate Programs Section

Introductory Data Processing		
Introduction to Information Technology	2 days	\$450
Overview of Database Concepts	1 day	\$225
Overview of Data Modeling	1 day	\$225
Microsoft Applications		
Access 2000 Introduction	1 day	\$110
Access 2000 Intermediate	1 day	\$110
Access 2000 Advanced	1 day	\$110
Access 2000 Programming Using Visual Basic	3 days	TBD
Access 2002 XP Introduction	1 day	\$110
Access 2002 XP Intermediate	1 day	\$110
Access 2002 XP Advanced	1 day	\$110
Access 2003 Introduction	1 day	\$110
Access 2003 Intermediate	1 day	\$110
Access 2003 Advanced	1 day	\$110
Excel 2000 Worksheets Level 1	1 dov	\$110
	1 day	
Excel 2000 Charting & Organizing Data Level 2	1 day	\$110
Excel 2000 Advanced	1 day	\$110 TBD
Excel 2000 Programming Using Visual Basic	3 days	
Excel 2002 XP Worksheets Level 1	1 day	\$110
Excel 2002 XP Charting & Organizing Data Level 2	1 day	\$110
Excel 2002 XP Advanced	1 day	\$110
Excel 2003 Worksheets Level 1	1 day	\$110
Excel 2003 Charting & Organizing Data Level 2	1 day	\$110
Excel 2003 Advanced	1 day	\$110
FrontPage		
See Web Development		
Outlook 2000 Introduction	1 day	\$110
Outlook 2000 Advanced	· · · · · · · · · · · · · · · · · · ·	\$110 \$110
Outlook 2002 XP Introduction	1 day	\$110 \$110
	1 day	
Outlook 2002 XP Advanced Outlook 2003 Introduction	1 day	\$110 \$110
	1 day	\$110
Outlook 2003 Intermediate	1 day	\$110
Outlook 2003 Advanced	1 day	\$110
PowerPoint 2000 Introduction	1 day	\$110
PowerPoint 2000 Advanced	1 day	\$110
PowerPoint 2002 XP Introduction	1 day	\$110
PowerPoint 2002 XP Advanced	1 day	\$110
PowerPoint 2003 Introduction	1 day	\$110
PowerPoint 2003 Advanced	1 day	\$110

Microsoft Applications (continued)		
Project 2000 Introduction	2 days	\$300
Project 2000 Advanced	1 day	\$150
•	·	
Visio 2000 Create Flow Charts & Diagrams	1 day	\$110
Visio 2000 Create Organizational Charts	1 day	\$110
Visio 2002 XP Introduction	1 day	\$110
Visio 2002 XP Intermediate	1 day	\$110
Visio 2003	1 day	\$110
W. 10000 L. 1	4.1	0110
Word 2000 Introduction	1 day	\$110
Word 2000 Intermediate	1 day	\$110
Word 2000 Advanced	1 day	\$110
Word 2002 XP Introduction	1 day	\$110
Word 2002 XP Intermediate	1 day	\$110
Word 2002 XP Advanced	1 day	\$110
Word 2003 Introduction	1 day	\$110
Word 2003 Intermediate	1 day	\$110
Word 2003 Advanced	1 day	\$110
Object-Oriented		
Modeling in an Object-Oriented Environment	5 days	\$975
Modernig in an Object-Oriented Environment	3 days	\$ 7 13
Natural		
See Programming Languages		
.NET Courses **		
Introduction to Visual Basic .NET	5 days	\$1925
Developing ASP .NET Web Applications	5 days	\$1925
Developing .NET Applications for Windows,	•	
Visual C# .NET	5 days	\$1925
Programming with .NET Framework - Visual C# .NET	5 days	\$1925
Programming with Visual Basic .NET	5 days	\$1925
Deploying .NET Applications for Systems Engineers	3 days	\$1155
Developing .NET Applications for Windows,	•	
Visual Basic .NET	5 days	\$1925
Introduction to .NET Development	2 days	\$770
Getting Started with .NET for COBOL Programmers	3 days	\$1155
Introduction to XML and .NET Technologies	2 days	\$770
W. J. NEW W. J. W. J. C. 700 7502 4 . J. A.		
** other .NET courses available - call 916-739-7502 for info	rmation	
PC Support & Troubleshooting		
A+ Operating Systems - Software Support & Troubleshooting		\$1475
11		\$1475 \$1475
A+ Operating Systems - Software Support & Troubleshooting	g 5 days	
A+ Operating Systems - Software Support & Troubleshooting A+ Core Hardware - Hardware Troubleshooting & Repair	g 5 days 5 days	\$1475
A+ Operating Systems - Software Support & Troubleshooting A+ Core Hardware - Hardware Troubleshooting & Repair Network + (Fundamentals of Networking)	g 5 days 5 days 5 days	\$1475 \$1475
A+ Operating Systems - Software Support & Troubleshooting A+ Core Hardware - Hardware Troubleshooting & Repair Network + (Fundamentals of Networking) Security + (Fundamentals of Security)	g 5 days 5 days 5 days 5 days 5 days	\$1475 \$1475 \$1475
A+ Operating Systems - Software Support & Troubleshooting A+ Core Hardware - Hardware Troubleshooting & Repair Network + (Fundamentals of Networking) Security + (Fundamentals of Security) Implementing & Supporting MS Windows XP Professional	g 5 days 5 days 5 days 5 days 5 days 5 days	\$1475 \$1475 \$1475 \$1475

DC Support & Troubleshooting (continued)		
PC Support & Troubleshooting (continued) Supporting Users on MS Windows XP O/S	3 days	\$1200
Basic Administration of Windows Server 2003	3 days	\$1200
Creating & Understanding Group Policies	3 days	\$1200
Supporting Applications on MS Windows XP O/S	2 days	\$775
Installing, Configuring & Administering MS Windows XP		,
Professional	2 days	\$775
Microsoft Security Guidance Training, Level 1	1 day	\$300
Duogantation Cumbing		
Presentation Graphics See Microsoft Applications PowerPoint & Visio		
See wheresoft Applications rowerrollit & visio		
Problem Solving		
Basic Problem Solving	3 days	\$675
Busic 1100icin Bolving	3 days	φοισ
Programming Languages		
Assembler		
Basic Assembler Programming	5 days	\$1075
CICS		
Introduction to CICS	1 day	\$225
Basic CICS Command Level COBOL Programming	5 days	\$925
Advanced CICS Programming Concepts	5 days	\$1075
COBOL		
	10 days	\$1950
Basic COBOL Programming (experienced programmers)	5 days	\$975
Advanced COBOL Programming	5 days	\$1075
Getting Started with COBOL/LE	2 days	TBD
NATURAL		
NATURAL Programming Fundamentals	5 days	TBD
NATURAL Intermediate Programming	5 days	TBD TBD
NATURAL Advanced Programming NATURAL Construct Applications Workshop	4 days TBD	TBD
NATORAL Construct Applications workshop	IDD	ושמו
JavaScript		
JavaScript Introduction	3 days	TBD
•	•	
Project Management		
Applied Project Management	3 days	\$550
Project Management for Individual Contributors	2 days	\$450
Applying PMIs PMBOK to Information Technology Projects	1 day	\$250
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SAS Software	0.4	TDD
Introduction to Programming Using SAS Software	2 days	TBD
SAS Programming I: Fundamentals of SAS System SAS Programming II: Data Manipulation Using the Data Step	5 days	TBD TBD
SAS Programming III: Advanced Techniques	2 days	TBD
SAS Programming IV: Optimization, Tips & Techniques	2 days	TBD
SAS Report Writing: A Programming Approach	3 days	TBD
SAS Statistics I: Basic Anova & Regression Analysis	3 days	TBD
SAS Version 9: Changes & Enhancements	2 days	TBD
SAS: Output Delivery System (ODS) Basics	1 day	TBD

SAS Software (continued)		
Macros in SAS Software	TBD	TBD
Client Server Processing with SAS/Connect Software	2 days	TBD
Accessing Relational Databases and Spreadsheets Using	2 days	IDD
SAS Software	1 day	TBD
SQL Processing in SAS Software—See SQL	1 day	100
SQL Processing in SAS Software See SQL		
SQL		
Getting Started with SQL	2 days	\$450
SQL Processing in SAS Software	TBD	TBD
Coding Intermediate SQL	2 days	\$450
	j ~	7.20
System Development Life Cycle (SDLC)		
Introduction to Analysis & Design	2 days	\$450
Modeling Essential Business Processes	5 days	\$925
Discovering Essential Business Requirements	3 days	\$775
Modeling Essential Business Data	4 days	\$825
Designing Optimum Business Systems	3 days	\$675
Building an Effective Testing Environment	4 days	\$825
Tailoring the SDLC Process to Your Organization	3 days	\$675
Designing Distributed Databases	3 days	\$675
Streamlining the SDLC Process	5 days	\$925
Modeling in an Object-Oriented Environment	5 days	\$975
Utilizing Distributed Architectures	3 days	\$675
	•	
Technical Writing		
	2 1	A 1 = 0
Creating Technical Documentation	2 days	\$450
	2 days	\$450
Web Development	•	
Web Development Cascading Style Sheets	2 days	\$595
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1	2 days 1 day	\$595 TBD
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2	2 days 1 day 1 day	\$595 TBD TBD
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction	2 days 1 day 1 day 1 day	\$595 TBD TBD \$125
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2000 Advanced	2 days 1 day 1 day 1 day 1 day	\$595 TBD TBD \$125 \$125
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2000 Advanced Microsoft FrontPage 2002 XP Introduction	2 days 1 day 1 day 1 day 1 day 1 day	\$595 TBD TBD \$125 \$125 \$125
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2000 Advanced Microsoft FrontPage 2002 XP Introduction Microsoft FrontPage 2002 XP Advanced	2 days 1 day	\$595 TBD TBD \$125 \$125 \$125 \$125 \$125
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2000 Advanced Microsoft FrontPage 2002 XP Introduction Microsoft FrontPage 2002 XP Advanced Microsoft FrontPage 2003 Introduction	2 days 1 day	\$595 TBD TBD \$125 \$125 \$125 \$125 \$125 \$125
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2000 Advanced Microsoft FrontPage 2002 XP Introduction Microsoft FrontPage 2002 XP Advanced Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Advanced	2 days 1 day	\$595 TBD TBD \$125 \$125 \$125 \$125 \$125 \$125
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2000 Advanced Microsoft FrontPage 2002 XP Introduction Microsoft FrontPage 2002 XP Advanced Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Advanced Web Site Accessibility	2 days 1 day	\$595 TBD TBD \$125 \$125 \$125 \$125 \$125 \$125 \$125 \$125
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2000 Advanced Microsoft FrontPage 2002 XP Introduction Microsoft FrontPage 2002 XP Advanced Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Advanced Web Site Accessibility XHTML	2 days 1 day 3 days	\$595 TBD TBD \$125 \$125 \$125 \$125 \$125 \$125 \$125 \$125
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2000 Advanced Microsoft FrontPage 2002 XP Introduction Microsoft FrontPage 2002 XP Advanced Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Advanced Web Site Accessibility	2 days 1 day	\$595 TBD TBD \$125 \$125 \$125 \$125 \$125 \$125 \$125 \$125
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2000 Advanced Microsoft FrontPage 2002 XP Introduction Microsoft FrontPage 2002 XP Advanced Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Advanced Web Site Accessibility XHTML XML	2 days 1 day 3 days	\$595 TBD TBD \$125 \$125 \$125 \$125 \$125 \$125 \$125 \$125
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2000 Advanced Microsoft FrontPage 2002 XP Introduction Microsoft FrontPage 2002 XP Advanced Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Advanced Web Site Accessibility XHTML XML z/OS Operating System (formerly OS & MVS)	2 days 1 day 2 day 3 days 2 days	\$595 TBD TBD \$125 \$125 \$125 \$125 \$125 \$125 \$125 \$450 \$1325 \$650
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2000 Advanced Microsoft FrontPage 2002 XP Introduction Microsoft FrontPage 2002 XP Advanced Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Advanced Web Site Accessibility XHTML XML z/OS Operating System (formerly OS & MVS) Introduction to z/OS	2 days 1 day 2 days 2 days	\$595 TBD TBD \$125 \$125 \$125 \$125 \$125 \$125 \$450 \$1325 \$650
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2000 Advanced Microsoft FrontPage 2002 XP Introduction Microsoft FrontPage 2002 XP Advanced Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Advanced Web Site Accessibility XHTML XML z/OS Operating System (formerly OS & MVS) Introduction to z/OS Getting Started with z/OS TSO/ISPF	2 days 1 day 2 days 2 days 2 days	\$595 TBD TBD \$125 \$125 \$125 \$125 \$125 \$125 \$450 \$1325 \$650
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2002 XP Introduction Microsoft FrontPage 2002 XP Advanced Microsoft FrontPage 2003 XP Advanced Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Advanced Web Site Accessibility XHTML XML z/OS Operating System (formerly OS & MVS) Introduction to z/OS Getting Started with z/OS TSO/ISPF Getting Started with z/OS JCL & Utilities	2 days 1 day 2 days 2 days 2 days 3 days 3 days	\$595 TBD TBD \$125 \$125 \$125 \$125 \$125 \$125 \$125 \$450 \$1325 \$650
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2002 XP Introduction Microsoft FrontPage 2002 XP Advanced Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Advanced Web Site Accessibility XHTML XML z/OS Operating System (formerly OS & MVS) Introduction to z/OS Getting Started with z/OS TSO/ISPF Getting Started with z/OS JCL & Utilities z/OS JCL Advanced Concepts	2 days 1 day 2 days 2 days 2 days 3 days 2 days 2 days	\$595 TBD TBD \$125 \$125 \$125 \$125 \$125 \$125 \$450 \$1325 \$650
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2002 XP Introduction Microsoft FrontPage 2002 XP Advanced Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Advanced Web Site Accessibility XHTML XML z/OS Operating System (formerly OS & MVS) Introduction to z/OS Getting Started with z/OS TSO/ISPF Getting Started with z/OS JCL & Utilities z/OS JCL Advanced Concepts z/OS Application Dump Reading	2 days 1 day 2 days	\$595 TBD TBD \$125 \$125 \$125 \$125 \$125 \$125 \$450 \$1325 \$650
Web Development Cascading Style Sheets HTML 4.01 Programming Level 1 HTML 4.01 Programming Level 2 Microsoft FrontPage 2000 Introduction Microsoft FrontPage 2002 XP Introduction Microsoft FrontPage 2002 XP Advanced Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Introduction Microsoft FrontPage 2003 Advanced Web Site Accessibility XHTML XML z/OS Operating System (formerly OS & MVS) Introduction to z/OS Getting Started with z/OS TSO/ISPF Getting Started with z/OS JCL & Utilities z/OS JCL Advanced Concepts	2 days 1 day 2 days 2 days 2 days 3 days 2 days 2 days	\$595 TBD TBD \$125 \$125 \$125 \$125 \$125 \$125 \$450 \$1325 \$650

Technical Certificate Programs

How to Earn a Certificate

Enroll in and complete all the prescribed courses listed for the program of your choice. The courses in each program are offered at various dates throughout the year. Choose the course dates most convenient for you. It is highly recommended that you attend the courses in the order listed below each title.

Most courses in the certificate programs may be taken as stand-alone classes. Some prerequisites may apply.

Note: The Information Technology Project Management Certificate Program modules are not available for stand-alone enrollment.

To receive your certificate, notify the DTS Training Office while on-site attending the final course in your program that you are near program completion. A certificate will be prepared and awarded to you upon completion of the final class in the series.

The DTS Training Center offers the following technical certificate programs.

- Information Technology Project Management
- Information Architect
- A+ Support & Troubleshooting
- SAS Software
- NATURAL MVS Applications
- Z/OS Enterprise Developer
- DB2 for z/OS Enterprise Developer

Information Technology Project Management Certificate Program

\$3500

The program consists of nine modules covering the essential skills and knowledge needed to manage successful information technology projects for the State of California. This program is designed for managers and analysts who will be participating in IT projects as project managers or leads.

IT Project Management Certificate Program Overview Implementing Strategic Plans
Effective Presentations
Meeting Management & Group Facilitation
Conducting a Feasibility Study
Working with Strategic Business Partners
Microsoft Project Advanced
Project Initiation & Planning
Project Performance Assessment & Closure

Information Architect Certificate Program

The program consists of a core program of six classes, plus electives. Completion of the core program entitles the student to receive the Basic Certificate. To earn an Expert level certificate, the student must take 2 of the electives and all 4 electives are required for a Master level certificate. The classes teach the student to understand the core competencies of business and how to model and test business requirements using a structured approach.

Core Classes	Basic Certificate	\$4700
Modeling Essential Business Processes		
Discovering Essential Business Requirements		
Modeling Essential Business Data		
Designing Optimum Business Systems		
Building an Effective Testing Environment		
Tailoring the SDLC Process to Your Organization		
Electives		
Streamlining the SDLC Process		\$925
Modeling in an Object-Oriented Environment		\$975
Designing Distributed Databases		\$675
Utilizing Distributed Architectures		\$675
-		

A+ Support & Troubleshooting Certificate Program

\$2950

 $A + Operating \ Systems - Software \ Support \ \& \ Troubleshooting$

A+ Core Hardware – Hardware Troubleshooting & Repair

SAS Software Certificate Program

TBD

This program consists of three tracks designed for individuals who desire a complete grounding in SAS software to perform a variety of analytical and reporting activities.

SAS Analyst.....requires all core classes

SAS Expert.....requires all core classes plus any two Expert classes

SAS Master.....requires all core classes plus any two Expert and any two Master classes

Core Classes

SAS Programming I: Fundamentals of the SAS System

SAS Programming II: Data Manipulation Using the Data Step

SAS Programming III: Advanced Techniques SAS Report Writing: A Programming Approach

Expert Level

SAS: Output Delivery System (ODS) Basics

SQL: Processing in SAS Software

SAS Programming IV: Optimization, Tips and Techniques

Master Level

Accessing Relational Databases and Spreadsheets Using SAS Software Client Server Processing with SAS/Connect Software Macros in SAS Software

NATURAL MVS Application Programmer Certificate Program

TBD

This program consists of four core classes that will teach programmers to become skilled in NATURAL application programming. The Application Developer Certificate requires all the core classes and two additional courses that will prepare students for becoming NATURAL application developers. The classes in the series include:

Core Classes

NATURAL Programming Fundamentals NATURAL Intermediate Programming NATURAL Advanced Programming Inside ADABAS

Application Developer Certificate

Introduction to PREDICT

NATURAL Construct Applications Workshop

z/OS Enterprise Developer Certificate Program

\$4825-\$5800**

This program consists of eight training classes that will teach your business experts and novice programmers to become skilled technical developers and to understand the specifics of coding, tuning and maintaining high-quality COBOL-based, OS computer applications. The program will teach a non-technical business person how to become a developer of enterprise-level computer systems and how to optimize those systems to run in an OS environment.

**Price varies depending on courses selected

The classes in the series include

Introduction to z/OS
Getting Started with z/OS TSO/ISPF
Getting Started with z/OS JCL & Utilities
COBOL Programming --select one (1) of the following:

- * Basic COBOL Programming (5 days) for students with experience coding in another mainframe language such as Assembler, PL/1, Fortran, REXX
- * Basic COBOL Programming for New Programmers (10 days) for students with no prior programming experience
- * Getting Started with COBOL/LE (2 days)

Introduction to CICS
Basic CICS Command Level COBOL Programming
z/OS Application Dump Reading
Basic VSAM Programming

DB2 for z/OS Enterprise Developer Certificate Program

TBD

This program consists of four core classes plus any two of the listed electives that will provide the student with the necessary skills to develop and maintain efficient enterprise-wide applications in the DB2 environment.

Core classes

Introduction to DB2 Concepts DB2 Programming Beginning DB2 Programming Intermediate DB2/SQL Advanced Concepts

Electives--select any two
Database Technology for the New Millennium
Data Modeling Essentials
QMF Fundamentals

LearningPASS Program (LPP)

The Training Center provides government customers from city, county, state, federal and special districts in California with high quality Information Technology (IT) training at discounted pricing through the LearningPASS Program at locations throughout the state.

The LearningPASS Program offers many benefits:

- > Discounted Pricing
- > Training at multiple sites statewide or at your workplace
- > PC Application or High-end Technical Courses
- > eLearning libraries with thousands of self-paced courses
- > No Contracts
- > No Bidding
- > Easy to Use
- > Toll Free Number
- > State of California administered contract

Organizations enjoy the flexibility LearningPASS offers. Students may choose from dozens of eLearning libraries, each with multiple courses that allow students to train at their own pace, for traditional instructor-led classroom training at the vendor's facility or on-site at the work place. Thousands of government employees throughout the state have benefited from the services delivered through the LearningPASS Program.

LearningPASSes are especially beneficial for departments with employees working outside of the Sacramento area as the Program allows for training at facilities in major cities throughout California.

For more information about the LearningPASS Program, please call our Toll Free order line at **888-895-7337** or visit our website: **www.learningpass.ca.gov**.

Executive Institute (ei)

An annual event for Senior Executives, the Executive Institute is a forum for information sharing where participants are exposed to innovative ideas and the opportunity to network with other executives.

This program provides the opportunity for Information Technology (IT) executives and their program counterparts to share current ideas and solutions for information technology issues and provides the critical link to ensure technology supports the true needs of the program.

For more information about the Executive Institute visit our website at: www.ei.ca.gov.

Information Technology Managers Academy (ITMA)

The Information Technology Managers Academy was established to provide a pool of individuals qualified to fill upper level positions. This intensive program focuses on developing the skills and knowledge that effective IT executives need to succeed in the 21st Century. The academic calendar covers subjects of particular interest to State IT Managers.

Each year Senior Executives nominate employees from their respective organizations to attend the year long program. Each participant must pass rigorous entrance requirements as the class size is limited to 25 people.

ITMA provides the opportunity for participants to become better communicators, network and work with IT people from other state agencies, develop new skills, become an agent of change and develop a more global IT perspective.

For more information about the Information Technology Managers Academy, please visit our website at: www.itma.ca.gov.

Training Center Facility

Hours of Operation

Monday through Friday

Closed all State Holidays

7:15 a.m. ~ 4:30 p.m.

Registration and Cancellation

Class Hours

All classes begin at 8:15 AM and end between 4:00 PM and 4:30 PM.

Registration

To enroll in a class at the Training Center, please have your Training Coordinator call the Training Center Registration Line at **916-739-7502** or toll free at **866-510-0867**.

We will take enrollment and billing information over the phone then send the Training Coordinator written confirmation with a map to the Training Center for each student.

Cancellation

Cancellations of enrolled students <u>must</u> be submitted in writing via email to <u>training@dts.ca.gov</u> by the training coordinator. To avoid charges, the email note <u>must</u> <u>be</u> received TEN (10) WORKING DAYS PRIOR TO THE FIRST DAY OF CLASS.

The full course fee will be charged for any cancellations or reschedules received after the 10-working day deadline. The Training Center will reply to cancellation notices.

Verbal cancellation notifications will not be accepted. Substitutions may be made at any time via a telephone call.

Include in the Cancellation email note:

- 1. Name of student
- 2. Class title and date(s) of class to be cancelled

Training Center Facility

Location

For driving directions, please see map on our website: www.training.ca.gov. We are located at 9323 Tech Center Drive, Suite 100, Sacramento. Tech Center Drive is located one block south of the intersection of Folsom Blvd. and Mayhew Road, between Bradshaw Road and Watt Avenue.

Free Parking is available on site.

Dress for Class

Dress is casual when attending training. Temperatures vary widely within each classroom so it is suggested dressing in layers to accommodate the fluctuations.

Guarantee

All training at the Training Center is guaranteed or your money back. If you are dissatisfied with any training class, please stop by our front counter or call us with your concerns.

Break room

The Training Center has a large break room with microwave ovens and refrigerators for student use.

Available for purchase

Coffee

Tea

Hot Chocolate

Bottled Water

Ice Cream

Soft Drinks

Vending Machine Snacks

Telephones and Email Access

Telephones are located in the lobby area for your use. They are for local calls at no charge or may be used with a personal calling card for long distance calls.

There are several PCs in the lobby for business email usage if you have web-based email access. They are not to be used for any other purpose.

FAX Machine and Photocopier

A FAX machine is located in the West Wing PC area. The FAX number is: 916-739-7910. If you are expecting a FAX, be sure to check it periodically as the Training Center staff does not monitor the machine. Also available for your business use is a photocopier located in the East Wing hallway.

Light Rail Information

Take Light Rail to the Tiber Station. Take the walkway located on the south side of the station into the parking lot (away from Folsom Blvd.). Walk around the building on the right to the front door.

Mailing List

To <u>add</u> your name to our mailing list and receive our flyers and catalogs in the mail, please call us at 916-739-7502 or toll free at 866-510-0867. If you prefer, you may email us at <u>training@dts.ca.gov</u> with the following information:

- > Name
- > Organization Name (City, County or State Dept.)
- > Mailing Address
- > Phone Number
- > FAX Number
- > Email address.

To **delete** your name from our mailing list:

- > Contact us via email or by phone
- > Provide us with your name and organization as it appears on current mailing label
- > Allow 4-6 weeks for the mailings to cease.

Conference and Training Room Rentals

Before making a room reservation it is recommended that you make an appointment with a Room Coordinator to view the training rooms at the Training Center. This will ensure that the room you select will meet your needs.

- 1. All rooms must be used as is. Moving of furniture is not permitted.
- 2. If additional equipment or furniture is needed, ask the Training Center staff for assistance. Do not remove equipment or furniture from other rooms.
- 3. The Room Coordinator must be notified of any outside catering or other event support you are considering. Usage of any event support is subject to prior approval of the Room Coordinator. The DTS Training Center is not responsible for arranging, supporting or coordinating any event support you provide.
- 4. Training Center technical staff must approve the use of outside equipment, software and/or hardware to determine technical feasibility. This information must be provided 15 working days or more prior to your event date. Note: For security and safety reasons, no outside equipment other than a laptop is allowed in Conference Room 1.
- 5. Cancellations of room reservations must be made no later than 5 working days prior to the event or a late charge will be billed. The late charge fee will be 25% of the room rental fee. Your department will be billed for technical support time, materials or any other expenses incurred by the Training Center at customer request up to the time of the cancellation.
- 6. Be certain to let the Room Coordinator know if anyone in your group is physically challenged or has other special needs, so that arrangements can be made to accommodate your employee(s).
- 7. Special requests for additional equipment, extended hours, etc., must be submitted to the Room Coordinator a minimum of 15 working days in advance and are subject to approval by the Training Center Manager.

Rental Rates for Conference and Training Rooms

Room	Daily Rate	Description	Capacity	Features
Conference Room 1	\$50	Conference Room	25	large executive conference tablelaptop hookup
Conference Room 2	\$250	Auditorium	130	 lectern audio system panel discussion table laptop hookup
Training Room 1	\$250	Standard Classroom	40	~~~
Training Room 2	\$400	Computer Classroom	20	Printer
Training Room 3	\$250	Standard Classroom	40	~~~
Training Room 4	\$350	Computer Classroom	16	Printer
Training Room 6	\$250	Computer Classroom	10	Printer
Training Room 8	\$300	Computer Classroom	12	Printer
Training Room 9	\$300	Standard Classroom	20	4 breakout rooms with dry erase boards, seating 5 each

Standard equipment/features in each room:

- Multimedia projector
- Dry erase boards
- Adjustable lighting
- Instructor/presenter PC with MS Office
- Internet access

Equipment available upon request:

- TV
- VCR
- Overhead projector for transparencies
- Flipchart easels with pads of paper
- Conference call phone

Please refer to our website www.training.ca.gov for additional room rental information.

DTS Training Center

The DTS Training Center is a State of California agency providing Information Technology training services to public sector employees for more than 20 years.

Mission Statement

The DTS Training Center promotes the long-term success of DTS and its partners by providing excellent, low-cost Information Technology training to our customers. We are dedicated to exceeding our customers' expectations by soliciting and acting promptly on open and honest feedback to improve continuously our processes and services.

Request for Special Class

Requestor			Phone		
Requestor email					
Department	 		Division	<u> </u>	
Class Title					
Vendor					
Vendor Contact			Phone_		
Budget Approval for the	nis training?	For how	many employee	es?	
Justification for bringing	ng this class to the	DTS Training	Center:		
Timeframe Class Need ☐ In 6 months ☐ In 9 months ☐ In 12 months	led				
FAX to DTS Training	g Center at 916-7	39-7779			
Training Center Staff (Only		DTS	□Non-DTS	
□Technical	☐ Application		□Other		
Dedicated	□Public S	Schedule			
CMAS Vendor	∐Yes	□No			
Class Size					
Cost per Student \$					
Cost per Class \$					